

ABSTRACT

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A hybrid drive apparatus comprises: an engine (1); a first electric motor (2) for generating an electric power by using at least a portion of its output and for controlling the speed of the engine 1 by motoring; and a control unit (U) for controlling the engine and the first electric motor. The control unit (U) performs a prepositioning control for positioning the engine being fuel-cut to a predetermined cranking start position such as a constant crank angle position or a constant cranking load position by the motoring of the first electric motor. As a result, the engine can always be started under identical conditions, and the torque vibrations to be outputted to a wheel have identical waveforms so that a simple torque correction can be made by outputting corresponding waveform data.

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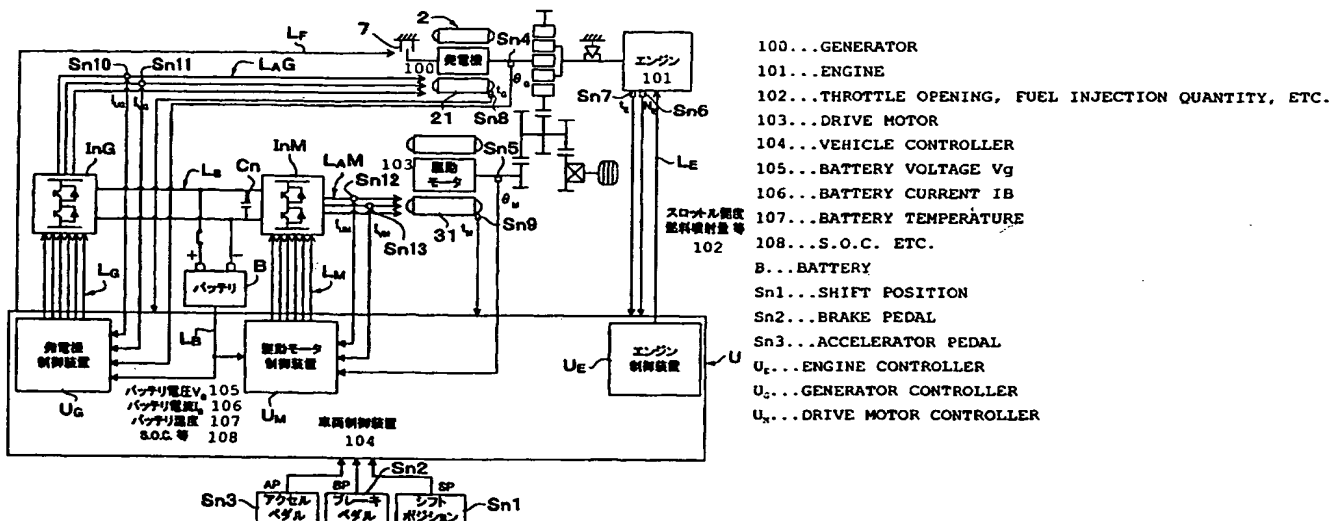
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(54) Title: DRIVE DEVICE

(54) 発明の名称: 駆動装置



(S7) Abstract: A hybrid drive device, comprising an engine (1), a first electric motor (2) generating a power using at least a part of the output of the engine (1) and controlling the speed of the engine (1) by motoring, and a controller (U) controlling the engine and the first electric motor, wherein the controller (U) performs a pre-positioning control positioning the engine during fuel cutting at a specified cranking start position such as a fixed crank angle position and a fixed cranking load position by the motoring of the first electric motor, whereby, because the engine can be started always under the same conditions and a torque vibration output to wheels forms the same waveform, a simple torque compensation is allowed by outputting waveform data corresponding to the same waveform.

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